Qwest Foundation for Education
Competitive Sub-grant Application Assurance S

Project Title: A Day with AP Design   Amount of Request: $6,388.10

District Name: Coeur D'alene   Number: 271

Name of Certificated Teacher (or "lead teacher" if more than one): Dan Armstrong

Name of School currently teaching at: Lake City High School

Years taught in Idaho K-12 public education: 1st Year

Content area(s) that you are teaching in Idaho K-12 public education: Graphic Design/Multimedia

I certify that if I receive a Qwest Foundation for Education Grant –
- I agree to create a video highlighting my project for the purposes of sharing best practices with other Idaho K-12 teachers.
- I agree to do one presentation on my project to other Idaho K-12 teachers before October 31, 2009.
- I agree to submit an electronic report to the Idaho State Department of Education before October 31, 2009.

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Signature *Rosie Astorquia*		
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Abstract

Grant Applicant: A Day With AP Design

A Proposal to The Qwest Foundation for Education

Our Project description and purpose is to help build our classroom program, AP Design, and to encourage future students to pursue careers in business and office occupations. We plan to invite a select group of 8th grade students to Lake City High School and show them how AP Design makes and designs their posters in Photoshop and Illustrator. They will then have an opportunity to design and print a poster that will be displayed in our backlit poster boxes at the high school. Our project will not only help our current students by making them the teachers, but it will also encourage future students to take the computer graphics classes at Lake City High School.

Goals:
- Integrate new students into the design classes

- Encourage and support current students

- Provide capstone projects for Senior students

- Increase awareness our program abilities and needs.

The requested funding of $6,388 will provide a new printer to AP design which can be used each year to host a workshop for new students that will be attending Lake City as freshmen. It will also provide the paper and ink that is needed to print the finished products that will displayed in our schools light boxes.

The unique design of this workshop is that it is a repetitive program in that it will be able to be offered every year. There is funding available through Professional Technical Education to sustain the program with ink, paper, and supplies. The workshop then sustains the program with fresh blood and ideas. However, neither the sum of money nor the number of people involved is enough to purchase such a large ticket item as a large format printer. The printer is the hub to all of what we do if it wears out and is broken it figuratively and literally breaks our program into pieces. It is a source of learning, revenue, and experience that is unique to our school and helps set us apart form others.

Innovation

Computer graphics can be a gateway to your imagination. Today, nearly all computers use graphics in their interfaces, and users expect to control their computer through icons and pictures rather than just "knowing the code." The innovative activities done in our classroom provide opportunities for students to be more highly qualified for jobs in a demanding and exciting career. These are skills they can use to in nearly any aspect of their lives and apply to many demanding jobs.

AP (Attack of the Printer) Design fills many needs in our school, for example when a teacher or administrator needs a poster or a graphic or even just an idea, they come to us to solve their graphic problems. Last week, a teacher at our school, Mrs. Nicole Thiel, came to us needing posters for the State Associated Student Body Conference. Since we live in Idaho, the potato is very popular and they came to us asking if we could make a potato with a bite out of it, like the apple design, and incorporate the word, iLead (like the famous apple names such as: iPod or iMac). In about a week, we had dozens of designs in. From a baked potato with an ipod made to look like the butter, to an ipod with a potato for the click wheel, to a potato mp3 player. These types of innovative ideas are what keep our clients coming back to our business.

One main function our organization takes care of is the lighted poster boxes located throughout our school. The students are taught about printing on backlit film paper and designing posters with the idea that light will shine through from the backside. These posters and our 36" wide printer has been the hub for our program for nearly 11 years. The success of this classroom was recently recognized in 2007 as Mr. Mike Clabby was recognized as the state's teacher of the year.

Just recently a program called Learning With Lucky, came to us to solve an issue with their project. They were in need of a more modern poster to use for their marketing and they wanted us to "Spice up" their poster to make it more modern. We were given the old poster and asked to incorporate our own ideas. Throughout the time period of two weeks, the students let their imagination flow and worked on this project free and independently of any other. We finished the proposal, which consisted of three different styles of posters. As a result they asked for a combination of the three ideas. Currently we are working on combining the ideas. It is estimated that by the time we finish Learning With Lucky we will print over 70 posters and complete a custom filmed DVD used to inform teachers of how the programs work including interviews on sight with the sponsors of the program. Many projects like this come through our door everyday and we have been able to fill the void and solve many problems for others. These activities only numerate a few of the innovative projects that happen in our classroom everyday.

Innovation is described as something new, a creation of the mind, and change. We are giving high school students the skills for their future in a career. These are the students that will grow and make the world full of images and art, obtain articulated credits, and have a clear vision for their lives. They will create change and bring their innovation into the real world.

Proposal

Our Project description and purpose is to help build our classroom program, AP Design, and to encourage future students to pursue careers in business and office occupations. We plan to invite a select group of 8th grade students to Lake City High School and show them how AP Design makes and designs their posters in Photoshop and Illustrator. They will then have an opportunity to design and print a poster that will be displayed in our backlit poster boxes at the high school. Our project will not only help our current students by making them the teachers, but it will also encourage future students to take the computer graphics classes at Lake City High School.

Another major purpose of this workshop is to raise awareness of our programs current situation. It has functioned for many years very successfully. However, as with all technology there is always a time that an update is needed, in some cases even critical. This is the case with our printer, it is nearly 11 years old and it has become very worn out. The company who made it stopped supporting it 5 years ago and paper for our film boxes has been discontinued. As a result we are paying inflated prices to secure old media. This is making the cost of our prints increase and as a result we are loosing our clients. Further the print head belt has already frayed in many places and is on the verge of breaking. If it breaks, and it will soon, our program will loose the key component that sets us apart. Our ability to design and create large products for others is a treasured thing in our school and this workshop will help others understand all the good that can come from a simple printer. We are in desperate need of a new more efficient printer to meet the needs of a demanding business environment.

Our team members for the project will include the AP Design team, Mr. Armstrong, Mr. Smart, and some of the students from the graphics 1 and 2 classes who are looking to be on the production team in the years to come. AP Design students will be the head of the team and will be responsible for teaching the 8th grade students how to use Photoshop and Illustrator. Each student will be paired up with an AP design student to help them make their poster. The support structure is key to the success of this workshop and to the success of the new students. Highly trained AP design seniors will help convey a sense of achievement and of responsibility. Mr. Armstrong and Mr. Smart are the coordinating teachers, which will be organizing the logistics. Mr. Smart teaches many technology courses at Woodland Middle School including their TV production Woodland1. Mr. Armstrong will be providing the facility and computers for the workshop and serving as a supervisor for the days activities.

This project is very practical and logical in many aspects. First the physical aspect is such that Woodland Middle School, where Mr. Smart's class is from, is located less than a mile from the campus of Lake City High School. This workshop would be accessible for the middle school and would likely not even result in needing busses, as the schools are located within walking distance. Second this workshop also helps to further integrate the 8th grade students into a high school setting and provides them with a successful experience before they are even enrolled in the school. Also it provides senior project opportunities for Lake City Senior's and college credits. This workshop will serve

as the part of a capstone course offered in junction within the career clusters program through Professional Technical Education.

The unique design of this workshop is that it is a repetitive program in that it will be able to be offered every year. There is funding available through Professional Technical Education to sustain the program with ink, paper, and supplies. The workshop then sustains the program with fresh blood and ideas. However the sum of money nor the number of people, is enough to purchase such a large ticket item as a large format printer. The printer is the hub to all of what we do if it is broken it figuratively and literally breaks our program into pieces. It is a source of learning, revenue, and experience that is unique to our school and helps set us apart form others.

The anticipated outcome and impacts of this project could be awe inspiring to behold. If we are able to help young students stay focused by involving them in their career choices at such a young age it will give them focus and a goal to strive towards. If a student is focused may have fewer behavior issues and as a result become a benefit to society. This type of workshop may be just the thing for many struggling students, they may dislike math or reading but if we can mix in creativity and innovation into their day then it creates real opportunity for learning. One of the goals of Professional Technical Education is to prepare students to work in high demand, high wage jobs. There are precious few occupations that are needed as dearly as graphic designers. As technology increases so will the need for their skills.

We are supported by a very wonderful school district, which has always purchased new computers for the computer labs. This leaves the teacher free to use their class budget to purchase supplies specific to the program, which is the purpose of their classroom funding anyway. Lake City High School had light boxes installed through out the school in support of the program a few years ago. They have also provided a complete classroom set of current textbooks for Photoshop, Indesign, and Illustrator. Our program exists today because we have an administration that takes care of it and supports the ideas that flow from it. They embrace new ideas and help them take shape, in short our school is one in which innovation and creativity are highly encouraged.

Our current printer in our AP designs section of T-Wolf Production's is 12 years old and lacking equipment. A new printer would allow this workshop for the eighth graders to be possible. It would also allow for better project outcomes and better school wide poster announcements. The impact that this printer would give would be immense. The things it could impact would not only be students of Lake City High School, and Woodland Middle School; but it would also impact the clients in and out of the school district who come to AP design. These clients can ask for anything ranging from photographs, new and original posters, logos, business cards, pamphlets, videos, and etc. This printer would allow all those things to become more feasible and accessible for not only AP design but also our future students.

Details

⅄ The scope and sequence of this workshop flows very smoothly and logically. It is centered on the ideals of the Career Clusters, which are an integral part of Professional Technical Education. This workshop encompasses the integration of the new student, the teaching of the current student, and the continuation of the senior into college course work.

The new 8th grade students will be provided with an opportunity to meet current students in the program to find out about it. They will be given time to work with the older student to learn what they may become and what opportunities are there in the field of graphic design. Peer teaching is a great way to meet new people and learn new skills. This workshop will provide a unique way for students to be integrated and it will help them get on a pathway to an exciting career in graphic design.

In addition to the success that they will fill is the learning opportunity for some of the current graphic students deciding if they want to continue to the AP productions class. Often the best way to hone in on your skills is to have to teach someone else how to perform the skills. This provides an opportunity for the graphic student to really understand what it would be like to be in a graphic design career and to give them a chance to decide if it is what they would like to do early in life avoiding costly set backs in the future.

This workshop serves for an excellent project for the capstone course in the graphic design pathway. A major goal of Professional Technical Education is to encourage students to get involved in their career early. The AP Design students will be given opportunity to put on this workshop for the students as part of their capstone course and meet requirements for college credits in graphic design. Current content has been articulated with our local college and the AP Design students this year will be the first to receive college credit for completing the pathway. It is an exciting opportunity for them to start something new to help build the program that has helped them succeed.

These programs are designed to give students knowledge about cutting edge technology and current industry standards. These are opportunities that currently do not exist in the AP Design Program. There is no cutting edge printer, software, or computers in the room that resemble anything the industry is actually using. Much of the current technology being used in the classroom is nearly an entire decade behind the industry to the point that were we to get an entire new computer lab we may have difficulty installing most of the software we currently use. Each of these three key parts is being investigated and plans are being put into action to remedy the issues so that our students have a competitive edge in the workplace. We look forward to your support to help our goals, ideas, and creativity become at last what all hope for…Reality!

The budget for our workshop is very modest when considering all that will be accomplished as a result of it. We have researched and found an EPSON 9880 printer that has become somewhat of a standard printer for EPSON. They have now released the 9900, which is very new, but cost is about $3000 more then the 9880 and as a result we have decided on the 9880 to suit our needs. The Printer has a retail price of $4,995 and prints up to 44" wide. The printer will allow us to print light box posters side by side on the same roll so that we do not waste expensive paper as we currently do. Also the new ink cartridges are much more efficient and print speeds will increase dramatically which, when you are printing a full color 4 ft banner is an important issue.

For this project we have also budgeted out the paper roll of back lit film paper. This paper has a special chalk like coating that soaks up the ink from the backside so that the shiny film side shows through glass in the light box. Due to it's delicate nature it is very expensive but it is also provides a very inspiring piece of artwork when it is used properly.

Last in our budget we have included the nine ink cartridges that the printer requires. There are so may so that the printer can print a wider array of colors and finishing techniques. There is a soft matte black, a clear coat, and a special chrome print cartridge, which, make for amazing prints. The ink is also very efficient and can be used for many prints.

Budget for Graphic Design Workshop Lake City High School, AP Design

Activity	Materials and Supplies	Capital Objects	Quantity	Price per unit		Total	
Intro to Graphic Design Workshop		Epson 9880 Printer (44" Wide)	1	$	4,995.00	$	4,995.00
	Printer Ink Cartridges (Nine Colors)		9	$	69.95	$	629.55
	Back Lit Fim Paper (Roll 44"X100')		1	$	368.00	$	368.00
				Tax	$		395.55
				Grand Total			$6,388.10